

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

Wall-mounted single zone

One wall-mounted indoor unit connected to one outdoor unit.

features

- Auto swing louvers (up/down)
- Continuous 'Air Sweep'
- Auto-restart after power interruptions
- Auto-shut flaps close when unit is off for a sleeker appearance
- Washable, reusable air filters
- Removable front grille
- Auto-changeover (heat pump models)



Appearance varies by model.

wireless remote

- Remote for each indoor unit
- 24-hour timer and sleep timer
- Auto/cool/dry/fan/heat* modes
- Four fan speeds heating* or cooling: high/medium/low/quiet, plus auto-fan
- Secured remote control holder
- Four different transmitter codes to prevent unintentional interference with nearby units

*Heat pump models only

cool only

model	btu/h	seer
C M09CF	9700	14.3
C M12CF	12300	13.5
C M18CF	18000	19.0
C M24CF	24200	18.0
C M30CF	30700	15.0
C M36CF	33100	15.0

cool/ heat pump

model	btu/h	seer
C M09YF	9700	14.3
H M09YF	9600	
C M12YF	12300	13.7
H M12YF	12800	
C M18YF	18000	19.0
H M18YF	21600	
C M24YF	24200	18.0
H M24YF	27600	

wall mounted cooling

 Inverter model

Performance Ratings						
System Model No.	M09CF	M12CF	M18CF 	M24CF 	M30CF 	M36CF 
Indoor Model	MW09C1F	MW12C1F	MW18C3F	MW24C3F	MW30C3F	MW36C3F
Outdoor Model	MR09C1F	MR12C1F	MR18C3F	MR24C3F	MR30C3F	MR36C3F
Capacity Cooling BTU/h	9700	12300	18000	24200	30700	33100
SEER	14.3	13.5	19.0	18.0	15.0	15.0
Moisture Removal Pts/h	2.1	3.2	5.9	5.3	9.7	10.1
Airflow (Quiet, Low, Med, High) CFM	185/220/260/295	215/250/305/355	240/290/355/415	380/450/560/650	380/450/560/650	365/440/530/700
Sound Rating - Indoor dB-A	26/31/36/40	28/35/40/45	25/32/38/44	32/36/41/47	32/36/41/47	32/36/41/49
Sound Rating - Outdoor dB-A	43	45	50	52	53	54
Operating Range °F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
Electrical Data						
Power Source	115-60-1	115-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Min. Ampacity A	12	15	16	21	22	22
Cooling Watts W	820	1060	1730	2310	3460	4040
Max. TD Fuse/Breaker A	15	20	20	30	30	30
Refrigeration System						
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Compressor Type	Rotary	Rotary	Inverter	Inverter	Inverter	Inverter
Connections	Flare	Flare	Flare	Flare	Flare	Flare
Liquid Line O.D.	in	1/4	1/4	1/4	3/8	3/8
Suction Line O.D.	in	3/8	3/8	1/2	5/8	5/8
Factory Precharge	ft	25	25	49	49	66
Max. Line Length	ft	49	49	66	98	164
Max. Height Difference	ft	26	26	49	66	98
Dimensions & Weight						
Indoor Unit						
W x H x D in	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	39 1/4 x 12 5/8 x 9	39 1/4 x 12 5/8 x 9	39 1/4 x 12 5/8 x 9
Net Weight lbs	21	21	21	31	31	31
Shipping Weight lbs	26	26	26	40	40	40
Outdoor Unit						
W x H x D in	31 1/8 x 21 1/4 x 11 3/8	31 1/8 x 21 1/4 x 11 3/8	31 1/8 x 22 3/4 x 12 3/8	31 1/8 x 22 3/4 x 12 3/8	35 3/8 x 32 5/8 x 13	35 3/8 x 32 5/8 x 13
Net Weight lbs	68	77	88	97	137	137
Shipping Weight lbs	77	86	98	106	155	155

wall mounted heat pumps

Performance Ratings						
System Model No.	M09YF	M12YF	M18YF 	M24YF 	M30YF 	M36YF 
Indoor Model	MW09Y1F	MW12Y1F	MW18Y3F	MW24Y3F	MW30Y3F	MW36Y3F
Outdoor Model	MR09Y1F	MR12Y1F	MR18Y3F	MR24Y3F	MR30Y3F	MR36Y3F
Capacity Cooling BTU/h	9700	12300	18000	24200		
Capacity Heating @ 47°F BTU/h	9600	12800	21600	27600		
Capacity Heating @ 17°F BTU/h	7600	9900	16600	21000		
HSPF	8.2	8.2	10	10		
SEER	14.3	13.7	19.0	18.0		
Moisture Removal Pts/h	2.1	3.2	5.9	5.3		
Airflow (Quiet, Low, Med, High) CFM	185/220/260/295	215/250/305/355	240/290/355/415	380/450/560/650		
Sound Rating - Indoor dB-A	26/31/36/40	28/35/40/45	25/32/38/44	32/36/41/47		
Sound Rating - Outdoor dB-A	43	45	50	52		
Operating Range COOL (HEAT) °F	0 - 115 (17-75)	0 - 115 (17-75)	0 - 115 (5-75)	0 - 115 (5-75)		
Electrical Data						
Power Source	115-60-1	115-60-1	230/208-60-1	230/208-60-1		
Min. Ampacity A	12	15	16	21		
Cooling Watts W	820	1070	1730	2310		
Max. TD Fuse/Breaker A	15	20	20	30		
Refrigeration System						
Refrigerant	R410A	R410A	R410A	R410A		
Compressor Type	Rotary	Rotary	Inverter	Inverter		
Connections	Flare	Flare	Flare	Flare		
Liquid Line O.D.	in	1/4	1/4	1/4		
Suction Line O.D.	in	3/8	3/8	1/2		
Factory Precharge	ft	25	25	49		
Max. Line Length	ft	49	49	66		
Max. Height Difference	ft	26	26	49		
Dimensions & Weight						
Indoor Unit						
W x H x D in	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	31 1/8 x 10 7/8 x 8 1/2	39 1/4 x 12 5/8 x 9		
Net Weight lbs	21	21	21	31		
Shipping Weight lbs	26	26	26	40		
Outdoor Unit						
W x H x D in	31 1/8 x 21 1/4 x 11 3/8	31 1/8 x 21 1/4 x 11 3/8	31 1/8 x 22 3/4 x 12 3/8	31 1/8 x 22 3/4 x 12 3/8		
Net Weight lbs	71	79	88	97		
Shipping Weight lbs	79	88	98	106		